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 Edward E. Cobb
 August 1997 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 6 Issue 3

Publisher: Springer-Verlag New York, Inc.

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Businesses today are searching for information solutions that enable them to compete in the global marketplace. To minimize risk, these solutions must build on existing investments, permit the best technology to be applied to the problem, and be manageable. ...

Keywords: Objects, Workflow, transaction processing

- 2 [Ultra-low power data storage for sensor networks](#)
 Gaurav Mathur, Peter Desnoyers, Paul Chukiu, Deepak Ganesan, Prashant Shenoy
 November 2009 **Transactions on Sensor Networks (TOSN)**, Volume 5 Issue 4

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Local storage is required in many sensor network applications, both for archival of detailed event information, well as to overcome sensor platform memory constraints. Recent gains in energy efficiency of new-generation NAND flash storage have strengthened ...

Keywords: embedded systems, energy efficiency, file system, flash memory, objects, sensors, storage system

- 3 [MashQL: a query-by-diagram topping SPARQL](#)
 Mustafa Jarrar, Marinos D. Dikakatos
 October 2008 **ONISW '08: Proceeding of the 2nd international workshop on Ontologies and information systems the semantic web**

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This article is motivated by the importance of building web data mashups. Building on the remarkable success of Web 2.0 mashups, and specially Yahoo Pipes, we generalize the idea of mashups and regard the Internet as a database. Each internet ...

Keywords: RDF, SPARQL, Web 2.0, Web 3.0, data web, linked data, mashups, query pipelines, query-by-diagram, semantic web

- 4 [A Survey of Mobile Transactions](#)
 Patricia Serrano-Alvarado, Claudia Boncancio, Michel Adiba
 September 2004 **Distributed and Parallel Databases**, Volume 16 Issue 2

Publisher: Kluwer Academic Publishers

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Transaction support is crucial in mobile data management. Specific characteristics of mobile environments (e.g. variable bandwidth, disconnections, limited resources on mobile hosts) make traditional transaction management techniques no longer appropriate. ...

Keywords: atomicity, consistency, databases, durability, isolation, mobile transactions, mobility, transaction execution

5 [Communications of the ACM: Volume 53 issue 11](#)

November 2010

Communications of the ACM



Publisher: ACM

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[Chengyang Lu](#), [Toshimitsu Masuzawa](#), [Mohamed Moshah](#)

December 2010

OPODIS'10: Proceedings of the 14th international conference on Principles of distributed systems

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